



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

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Arnold Schwarzenegger
Governor

August 25, 2009

Robert Scott
Boeing Environmental, Health and Safety
4501 Conant Street
Long Beach, CA 90808

APPROVAL OF THE BUILDING 1/36 SOIL VAPOR SAMPLING WORK PLAN - THE COMPANY, FORMER C-6 FACILITY, 19503 SOUTH NORMANDIE AVENUE, LOS ANGELES (SCP NO. 0410; SITE ID NO. 1846000)

Dear Mr. Scott:

We have received the "Building 1/36 Soil Vapor Sampling Work Plan, The Boeing Company, Former C-6 Facility, Building 1/36 Area, Los Angeles, California", (Work Plan) dated August 20, 2009, prepared by Haley & Aldrich, requesting the installation and sampling of soil vapor probes at the subject site. Soil and groundwater beneath the former facility have been impacted by various volatile organic compounds (VOCs). Previous Investigations indicated the presence of VOCs in deep soil at concentrations requiring remediation. As a result a soil vapor extraction (SVE) system was installed and started in 2002. A review of the rebound data collected to date indicates that the remediation of the deep soil has been successfully completed; however, vinyl chloride appears to be off gassing from the groundwater remediation activities ongoing at the site.

In order to evaluate offgassing and associated migration of vapors through the soil column, the Work Plan presents the rational and procedures for the soil vapor probe installation and monitoring for the subject site. The Work Plan proposes to shutdown the SVE system and collect soil vapor samples at multiple depths over time. Three semi-permanent vapor probes are proposed to be installed. Two locations along the eastern side of the building will be installed with sample locations 10, 25, and 40 feet below ground surface (bgs). Groundwater underlies the site at approximately 55 feet bgs in this area. We have reviewed the Work Plan and approve its implementation. Please submit a report documenting the results of this soil vapor sampling to this Regional Board by **July 31, 2010**.

If you have any questions please call me at (213) 576-6738 or email at atownsend@waterboards.ca.gov.

Sincerely,

Ana M. Townsend
Water Resources Control Engineer
Site Cleanup I Unit

cc: See Mailing List

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

BOE-C6-0058983

Mr. Scott
Boeing Environmental, Health and Safety
SCP NO. 0410

- See Mailing -

August 25, 2009

Roberta Blank, United States Environmental Protection Agency, Region 9
Susan Keydel, United States Environmental Protection Agency, Region 9
Mark Stuart, California Department of Water Resources, Watermaster, Central Basin
Joe Weidmann, Haley & Aldrich

California Environmental Protection Agency



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